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SUBJECT Chelyabinsk Electric Power Station (EPS)

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EPS Chelyabinsk

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- 1. Location: On the outskirts of Chelyabinsk (55°15'N, 61°30'E), 8 kms from the center of the city and 3 to 4 kms from a small lake. The plant is enclosed by a fence.

- 2. Personnel: Each department has a Party representative.

Sheroblov: Party representative in the Cinder Disposal Department
 Komarov: Plant manager
 Podganski: Chief engineer

A total of approximately 3,000 employees work in three 8-hour shifts. Another 1500 workers were employed in construction work in connection with enlarging of the plant in May 1946. Each worker is equipped with a pass enabling him to enter his own department. Entry to another department requires a special pass.

- 3. Equipment: The plant is equipped with nine Russian boilers. Installation of the tenth boiler was well under way in May 1946. The plant is divided into eight departments as follows:

- Turbine Department
- Boiler Department
- Cinder Disposal Department: employs 12 men on each shift.
- Maintenance Department
- Transportation Department
- Coal Supply Department
- Water Department
- Electricity Department

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CENTRAL INTELLIGENCE AGENCY

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The Water Department is equipped with a 42 atu. high pressure pump. High water pressure is used to pulverize the cinder and to transport the pulverized cinder through a pipeline, about 15 cm in diameter, into the nearby lake 3 to 4 kms. away.

4. Fuel: The plant consumes about 60 carloads of coal per day. The cars vary in size from 15 to 50 tons.
5. Capacity: Maximum capacity of the plant is 250,000 megowat per 24 hrs. (A megowat [redacted] is a Russian unit of measure which is slightly more than a kilowatt.) Actual output, however, does not exceed 140,000 - 200,000 megowats, with which the plant supplies an area with a radius of about 200 kms. Electricity produced at the plant is first led to a distribution point in the city itself and from there goes to consumers.
6. Brick kiln: At the end of 1945, a brick kiln was erected close to the point where the pulverized cinder reaches the lake. The pulverized cinder is used in this factory to produce bricks (cinder blocks?) about four times as large as standard clay bricks.

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